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## Regularization of nonmonotone variational inequalities

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### Abstract

In this paper we extend the Tikhonov-Browder regularization scheme from monotone to rather a general class of nonmonotone multivalued variational inequalities. We show that their convergence conditions hold for some classes of perfectly and nonperfectly competitive economic equilibrium problems. © 2006 Springer Science+Business Media, Inc.

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### Keywords

Economic equilibrium problems, Multivalued variational inequalities, Nonmonotone mappings, Regularization